

CLAIMS

What is claimed is:

1. An audio-video recording apparatus comprising:

a power-supply apparatus;

5 a camera;

a microphone;

a recording device capable of capturing video images from the camera and audio streams from the microphone; and

a wiring harness including the following interconnected cords:

10 a power cord coupled with the power-supply apparatus;

a recording cord coupled with the recording device; and

a camera cord, wherein the camera cord is coupled with the following:

the microphone such that the camera cord can transmit audio from the microphone;

15 the camera such that the camera cord can transmit images from the camera;

the recording cord such that the camera cord can transmit images from the camera and audio from the microphone to the recording device; and

20 the power cord such that the camera cord can transmit power from the power-supply apparatus to the microphone and camera.

2. The audio-video recording apparatus of claim 1, wherein the camera includes a mini-din connector through which power from the power-supply apparatus is delivered and through which video images are transmitted from the camera, and wherein the camera
25 cord includes a reciprocal mini-din connector, the mini-din connectors providing the coupling between the camera and the camera cord.

3. The audio-video recording apparatus of claim 1, wherein the power cord includes a power connector through which the power cord is coupled with the power-supply

apparatus, and wherein the power-supply apparatus comprises one or more portable batteries as a power source.

4. The audio-video recording apparatus of claim 1, wherein the power-supply apparatus, the camera, the microphone and the recording device are all operationally coupled through the wiring harness by no more than three disengageable connections, one joining the recording device with the recording cord, a second joining the power-supply apparatus with the power cord, and a third joining the camera with the camera cord.
5. The audio-video recording apparatus of claim 1, further comprising a remote control apparatus including a controller and a cord joining the controller with the recording device such that instructions can be received by the controller and communicated to the recording device to control recording of the video images from the camera and the audio stream from the microphone.
6. The audio-video recording apparatus of claim 1, wherein the power cord, camera cord and recording cord all have lengths of not more than about 1.5 meters.
7. The audio-video recording apparatus of claim 1, wherein the power-supply apparatus is a battery holder having one or more compartments into which one or more batteries can be inserted and in which electrical contacts positioned to contact an anode and cathode of the battery.
8. The audio-video recording apparatus of claim 1, wherein the microphone is integrated into the camera cord.
9. The audio-video recording apparatus of claim 1, wherein the recording cord includes a plurality of cables that are coupled with a plurality of inputs on the recording device.
10. A wiring harness for coupling a camera with a power supply and a recording device, the wiring harness comprising:

a power cord having a connector through which the power cord can be coupled with a power supply;

a recording cord having a connector through which the recording cord can be coupled with a recording device;

5 a camera cord having a connector through which the camera can be coupled with a camera, wherein the camera cord is coupled with the power cord so as to enable the camera to receive power from the power supply and with the recording cord so as to enable data to be transmitted from the camera to the recording device; and

a microphone integrated into the camera cord.

10 11. The wiring harness of claim 10, wherein the power cord, camera cord and recording cord all have lengths of not more than about 1.5 meters.

12. The wiring harness of claim 10, wherein the connector in the camera cord is a mini-din connector.

13. The wiring harness of claim 10, wherein the connectors in the power cord, recording
15 cord, and camera cord are the only connectors in the wiring harness.

14. A method for capturing and recording video and audio streams using a portable apparatus, the method comprising:

20 mounting a power supply, a camera, and a recording device including a data storage medium to a user or to equipment operated by the user, wherein the power supply, camera and recording device are electrically coupled via a wiring harness comprising:

a power cord coupled with the power supply;

a recording cord coupled with the recording device; and

25 a camera cord coupled with the camera, with the power cord and with the recording cord, wherein a microphone is integrated into the camera cord; powering the camera and microphone with the power supply to generate video images and an audio stream that are transmitted to the recording device; and

recording the video images and audio stream on the data storage medium in the recording device.

15. The method of claim 14, wherein the camera is mounted to the user, to an article of apparel worn by the user, or to a piece of equipment worn by the user.
- 5 16. The method of claim 15, wherein the camera is mounted to a helmet.
17. The method of claim 14, wherein the camera is mounted to a vehicle operated by the user.
18. The method of claim 14, wherein the recording devices is mounted to the user, to an article of apparel worn by the user, or to a piece of equipment worn by the user.
- 10 19. The method of claim 14, wherein the power supply is mounted to the user, to an article of apparel worn by the user, or to a piece of equipment worn by the user.
20. The method of claim 14, wherein the camera cord is coupled with the camera via reciprocal mini-din connectors extending from the camera and from the camera cord.
- 15 21. The method of claim 14, wherein the power supply, the camera, the microphone and the recording device are all operationally coupled through the wiring harness by no more than three disengageable connections, one joining the recording device with the recording cord, a second joining the power supply with the power cord, and a third joining the camera with the camera cord.
- 20 22. The method of claim 14, wherein the user operates a remote control apparatus coupled with the recording device to control recording of the video images and audio stream by the recording device.